

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1333	(422/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/13 17:11
L2	619	(436/149).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/13 17:11
L3	0	(436/1150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/13 17:11
L4	557	(436/150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/13 17:11
L5	419	(436/151).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/13 17:11
L6	94	(436/153).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/13 17:11
L7	1038	422/82.01	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 17:11
L8	36	(L1 or L2 or L3 or L4 or L5 or L6 or L7) and((resonan\$4 or resonat\$4) near frequenc\$3) and dielectric near constant\$1 and (sampl\$3 or specimen\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 17:11
S2	1282	(422/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/15 19:08

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S3	567	(436/149).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/15 19:09
S5	534	(436/150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/15 19:09
S6	394	(436/151).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/15 19:09
S7	94	(436/153).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/15 19:09
S8	10	((("5020920") or ("5468964") or ("5886534") or ("4413531"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/15 19:27
S9	2096	((resonan\$4 or resonat\$4) near frequenc\$3) and dielectric near constant\$1 and (sampl\$3 or specimen\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 17:11
S10	1048	S9 and pattern\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 19:21
S11	563	S10 and microwave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:07
S12	440	S10 and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:07
S13	267	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 19:22

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S14	191	S13 and shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 19:56
S15	24	S14 and resonance near shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 19:56
S16	608	complex near dielectric near constant\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:05
S17	228	S16 and microwave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:07
S18	103	S16 and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:07
S19	61	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:12
S20	925	422/82.01	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 17:10
S21	117	S16 and resona\$4 near frequenc\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:38
S22	49	S21 and pattern\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:39
S23	177	S16 and concentration\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:37

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S24	43	S21 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:17
S25	20	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:18
S26	2001	(S2 or S3 or S4 or S5 or S6 or S7 or S20) and concentration\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:38
S27	111	S26 and resona\$4 near frequenc\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:57
S28	60	S27 and pattern\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:39
S29	24	S28 and microwave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:40
S30	34	S28 and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:40
S31	20	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:40
S32	35	("2755436"   "3464005"   "3965416"   "4396062"   "4499418").PN. OR ("5025222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 20:45
S33	1	S27 and "parallel plate resonator"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:58

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S34	53	"parallel plate resonator"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 21:37
S35	1	S34 and ("422"/\$7 or "436"/\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/15 20:58
S37	2	("6261519").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/15 21:37
S38	4	((("6169466") or ("4206,399"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 13:17
S39	2	("4,361,801").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 13:38
S40	1282	(422/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 13:41
S41	567	(436/149).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 13:41
S42	534	(436/150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 13:41
S43	394	(436/151).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 13:41
S44	94	(436/153).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 13:41

## EAST Search History

S45	16	(S40 or S41 or S42 or S43 or S44) and resonator and ((resonant near3 frequen\$3) or resosnance near3 frequen\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/23 14:45
S46	2	(S40 or S41 or S42 or S43 or S44) and (resonator with adjust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/23 13:56
S47	38	("422"/\$7 or "436"/\$7) and (resonator with adjust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/23 13:57
S48	99	((resonant near3 frequen\$3) or resosnance near3 frequen\$3) near7 shift\$3) and (width near3 chang\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/23 14:49
S49	10	S48 and concentration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/23 14:50
S50	21	("4155035"   "4297874"   "4581575"   "4885527").PN. OR ("5397993"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 15:04
S51	21	("4155035"   "4297874"   "4581575"   "4885527").PN. OR ("5397993"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 15:04
S52	8866	((dielectric adj constant ) or permittivity) and ((resonant or resonance) near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/23 16:39
S53	3005	S52 and shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/23 16:39